

500 Å Si-doped $\text{In}_{0.6}\text{Ga}_{0.4}\text{As}$ ($1 \times 10^{19} \text{ cm}^{-3}$)
500 Å Si-doped InGaAs Grade ($1 \times 10^{19} \text{ cm}^{-3}$)
1500 Å Si-doped GaAs ($5 \times 10^{18} \text{ cm}^{-3}$)
500 Å Si-doped InGaP ($4 \times 10^{17} \text{ cm}^{-3}$)
500-1800 Å C-doped $\text{Ga}_{1-x}\text{In}_x\text{As}_{1-y}\text{N}_y$ ($1.5-4.5 \times 10^{19} \text{ cm}^{-3}$) $x \approx 3y$
7500 Å Si-doped GaAs ($1 \times 10^{16} \text{ cm}^{-3}$)
5000 Å Si-doped GaAs ($5 \times 10^{18} \text{ cm}^{-3}$)
GaAs SUBSTRATE

FIG. 1

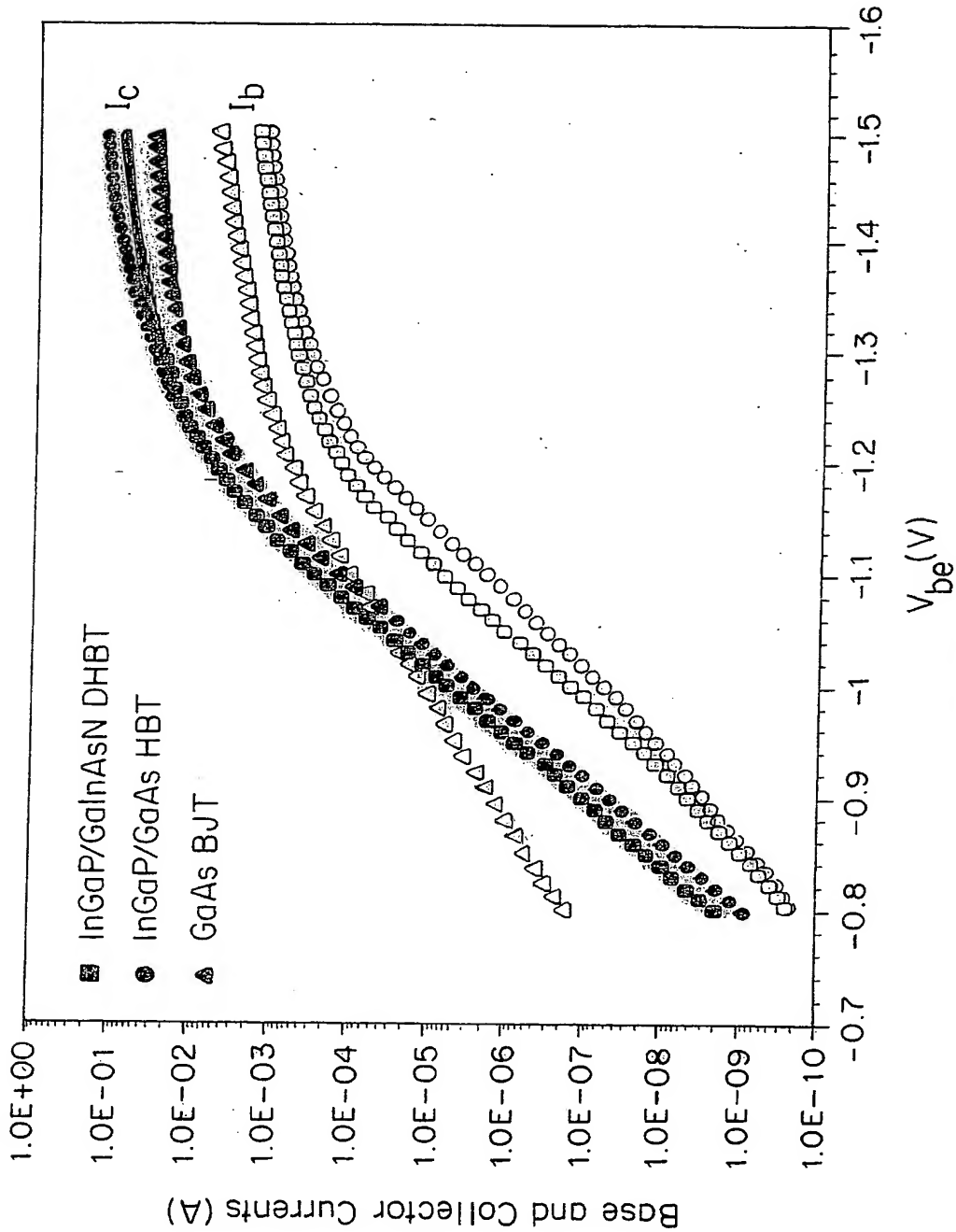


FIG. 2

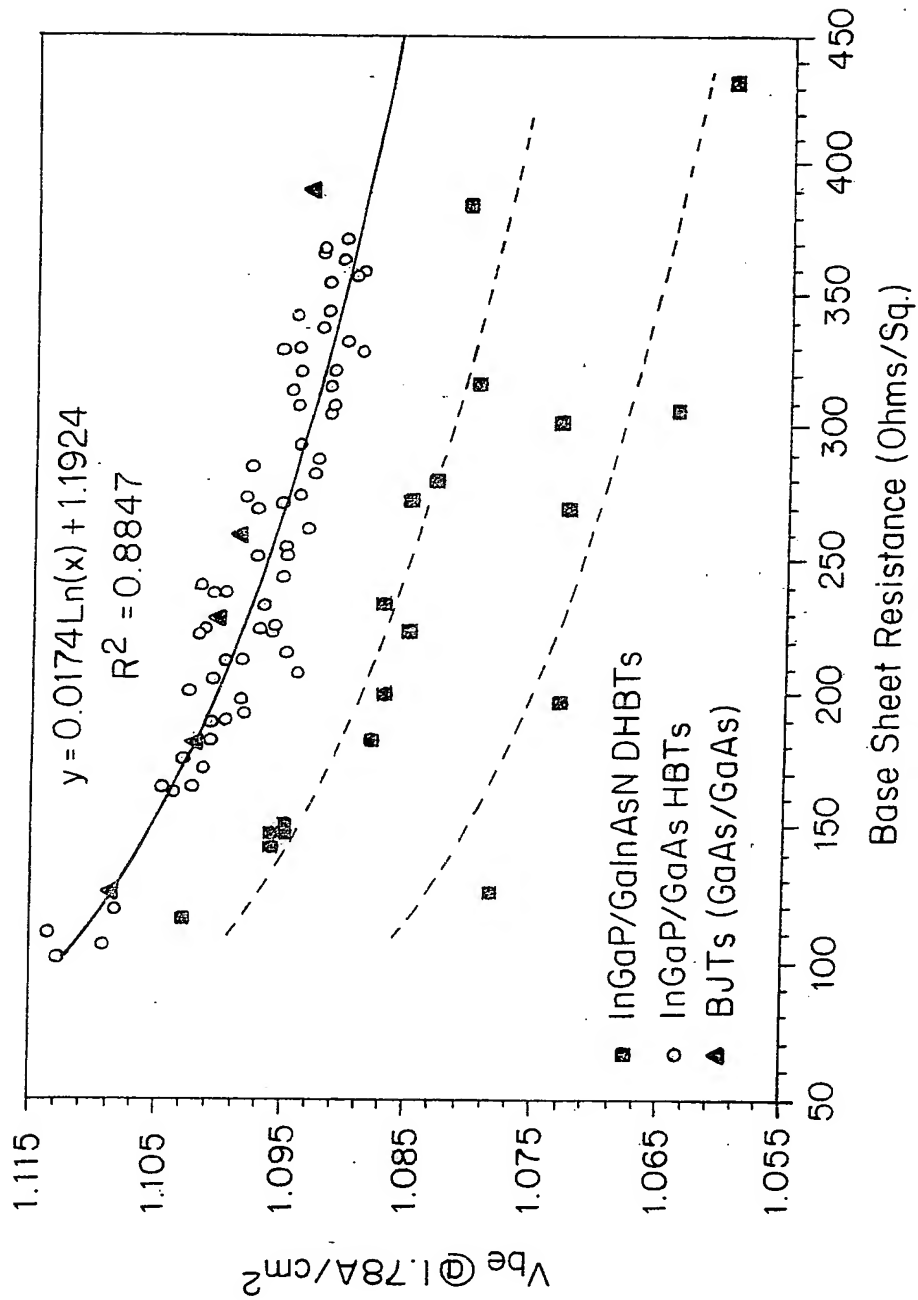


FIG. 3

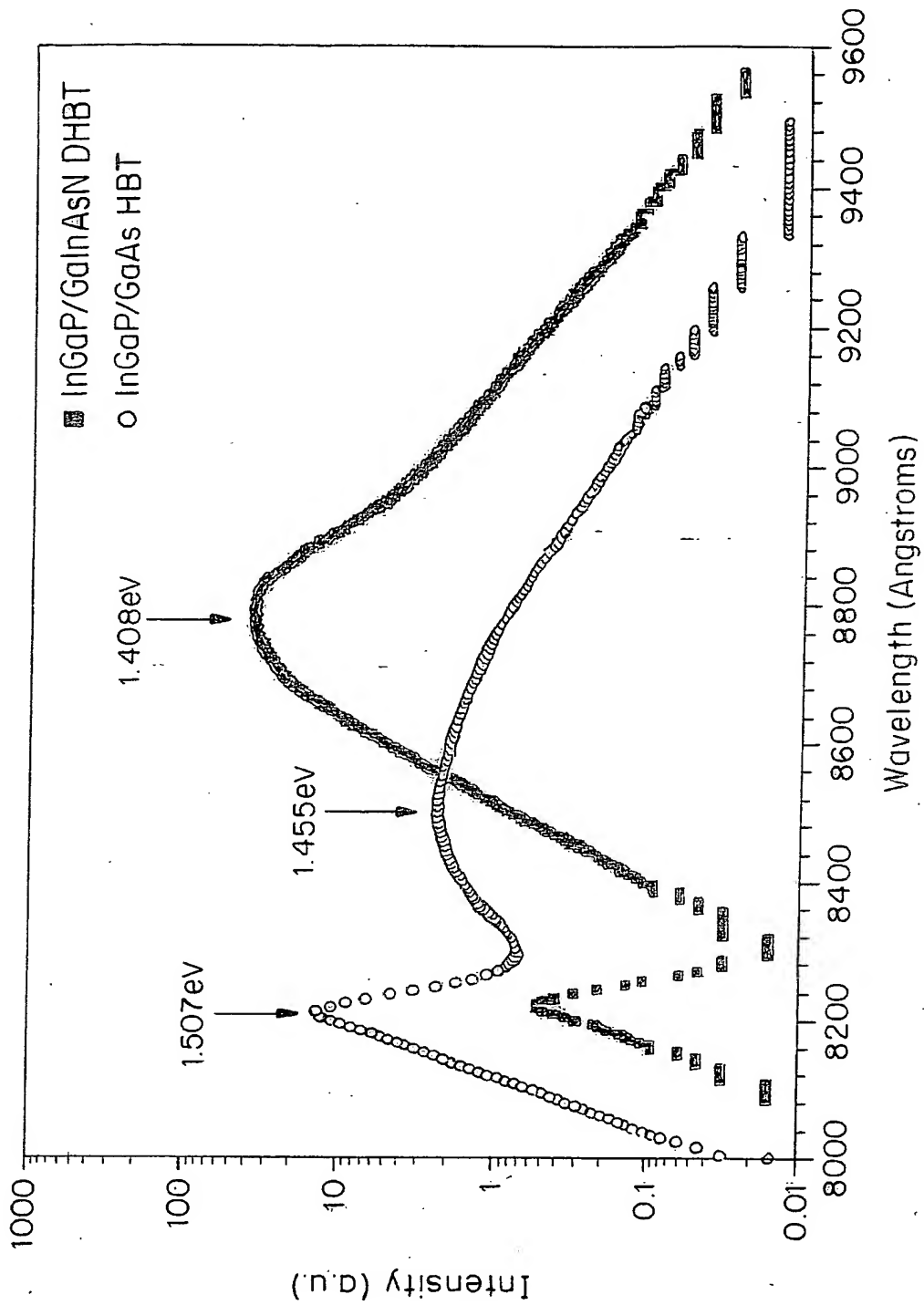


FIG. 4

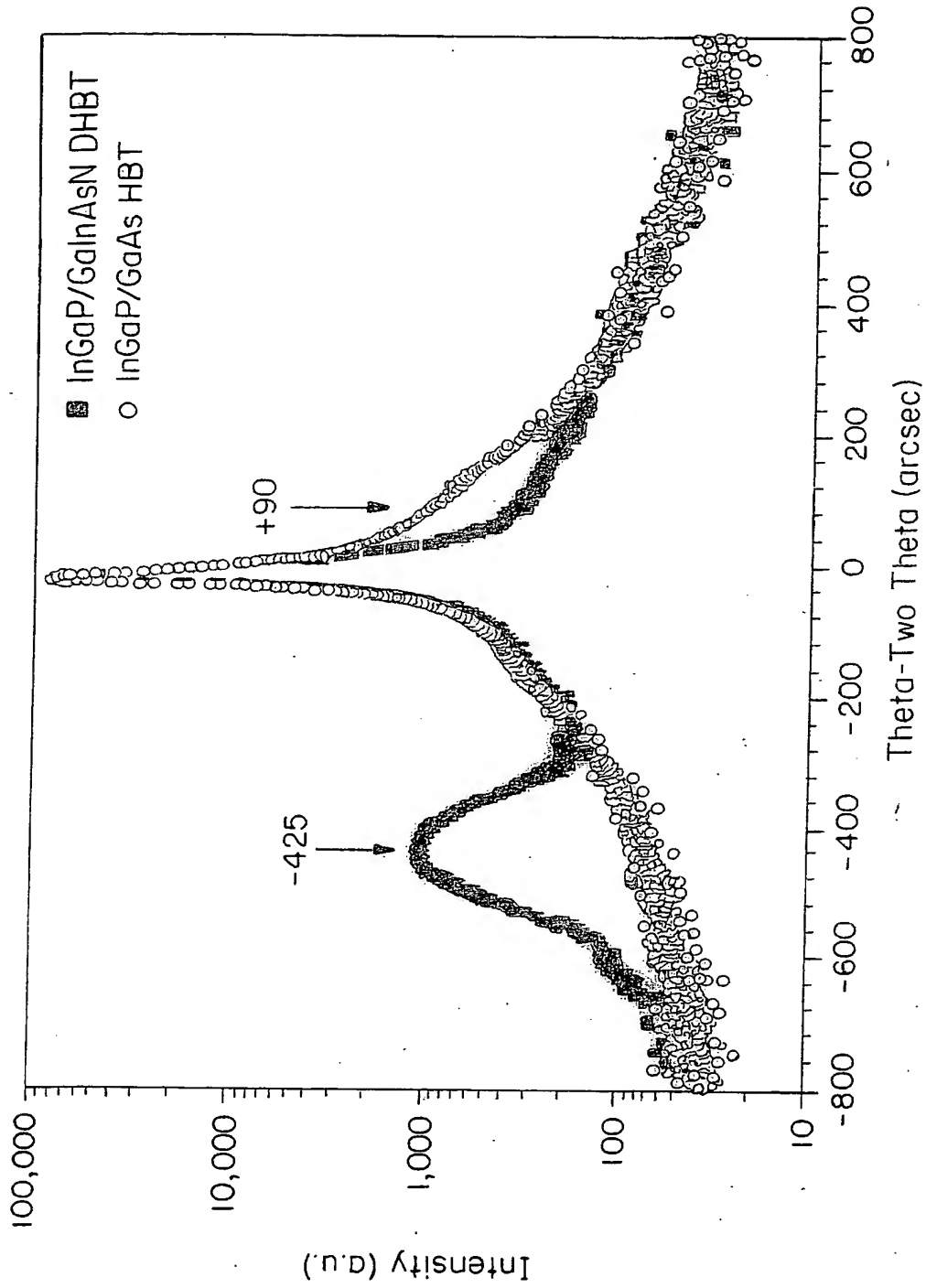


FIG. 5

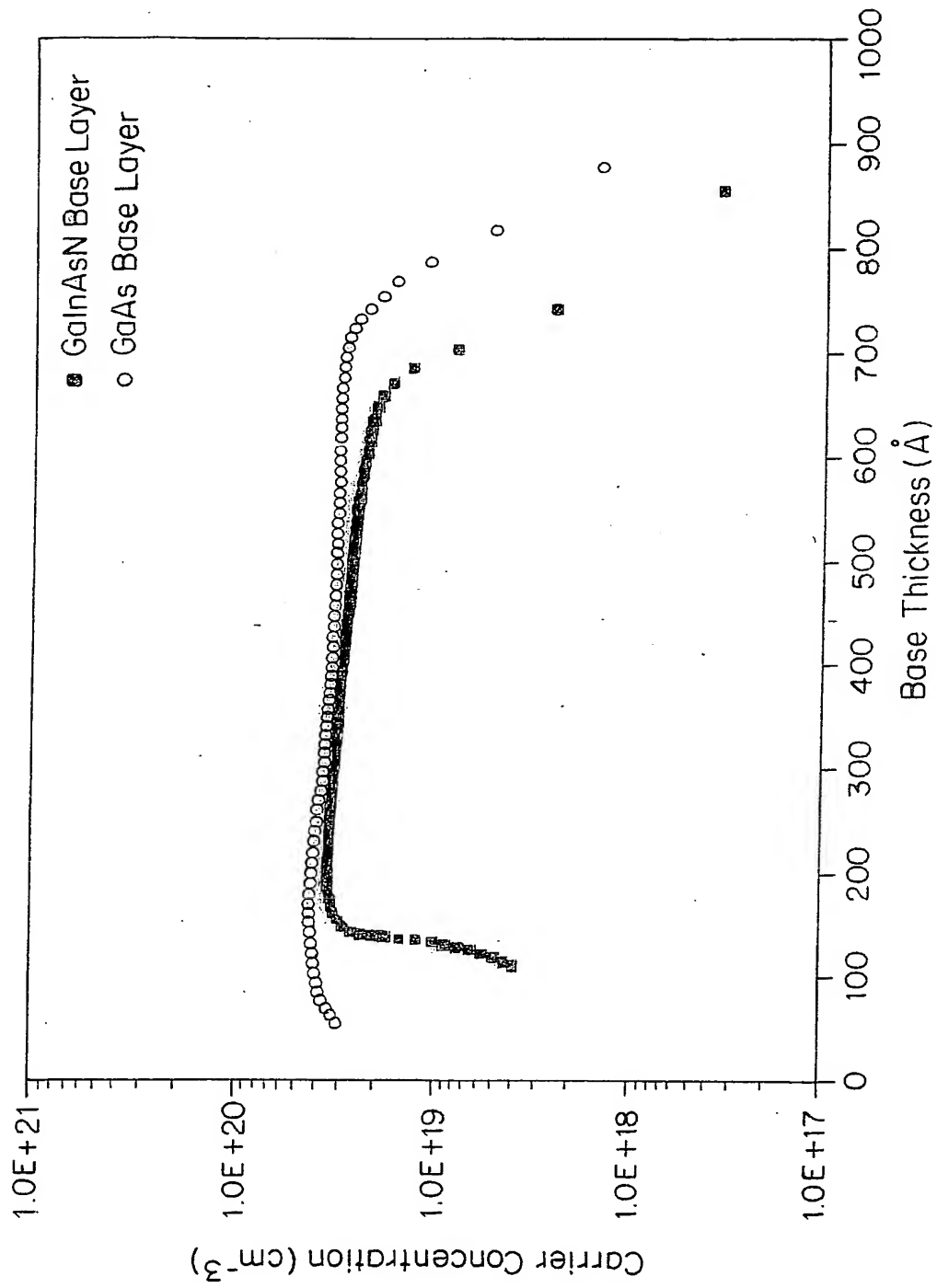


FIG. 6

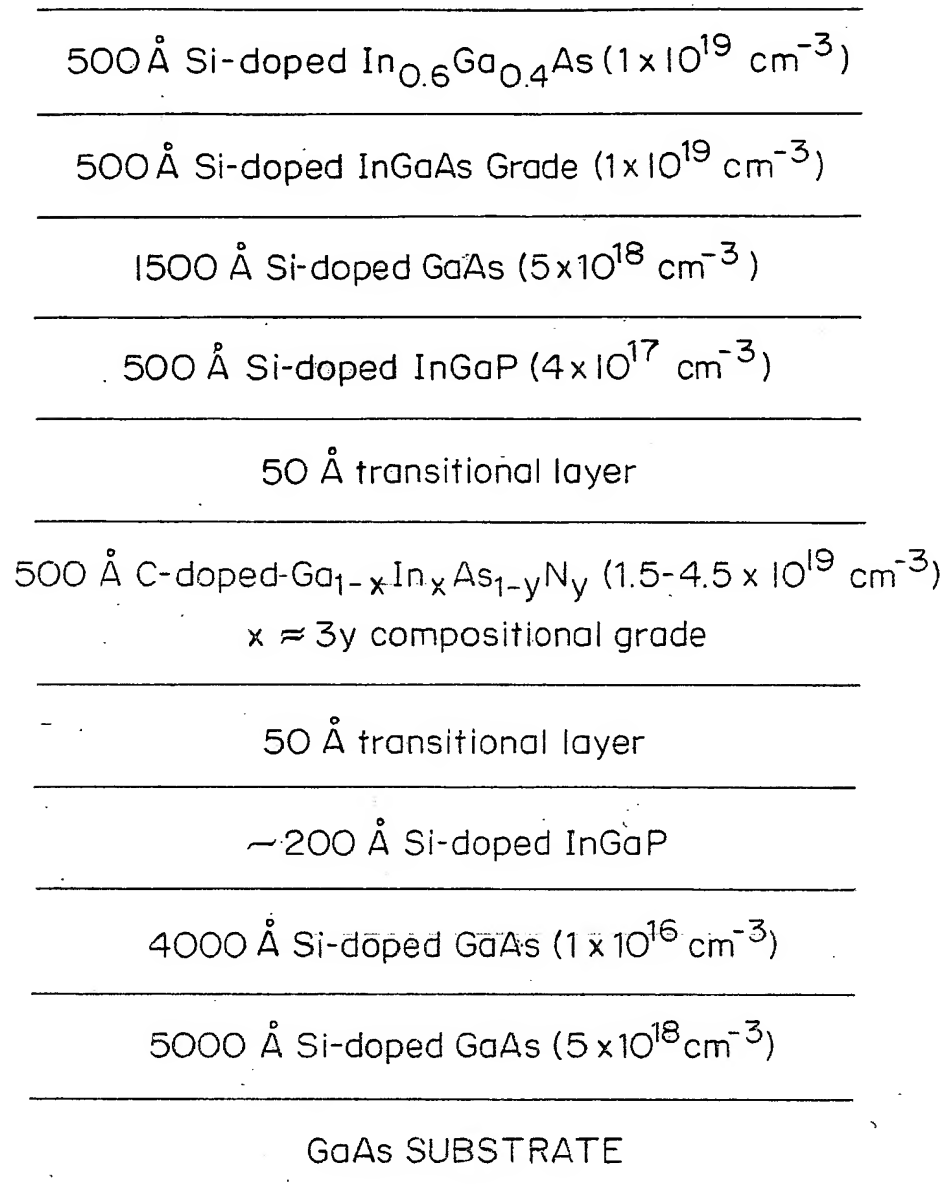


FIG. 7